

CLAIMS:

What is claimed is:

1. An enclosure having a front and a back comprising:
  - a top having a front and a back and two opposite sides;
  - two side walls connected the opposite sides of said top leaving the front of the enclosure open;
  - a bottom attached to said side walls, said bottom having open cutout portions communicating with the front side of the enclosure;
  - a vertical middle divider running the length of the enclosure and fastened to the bottom between the open cutout portions and the top for forming two receptacles for receiving modules;
  - a front cover for covering the open end of said enclosure;and
  - a continuous hinge across the width of the top for attaching the top to the front cover along the width of the enclosure such that the front cover may move between an open position wherein the receptacles open, to a closed position wherein the front cover closes the receptacles.
2. The enclosure of claim 1 wherein said vertical middle divider has a tab extending from the front for engagement with a corresponding slot in said front cover when the front cover is in the closed position.
3. The enclosure of claim 1 further comprising a locking arm on one of the side walls for locking the front cover in the open and closed positions and allowing the front cover to swing between the open and closed position.

4. The enclosure of claim 3 wherein the locking arm is a slide arm pinned at one end to the front cover by a first pin, and having a second pin in one side wall and riding in a slot in the slide arm such that the slide arm may pivot around the first pin and allow the cover to move between the open position and the closed position.

5. The enclosure of claim 4 where the slot in the slide arm has two notches, a first notch for receiving the second pin thereby locking the front cover in the open position, and a second notch for receiving the second pin thereby locking the front cover in the closed position.

6. The enclosure of claim 1 wherein said top and side walls are formed of a single piece of sheet metal wherein the sides of the top are bent thereby forming the side walls.

7. A method for enclosing electronic modules comprising:

forming a top having a front and a back and two opposite sides of the enclosure, the enclosure having a front and a back;

forming two side walls connected the opposite sides of said top leaving the front of the enclosure open;

attaching a bottom to said side walls, said bottom having open cutout portions communicating with the front side of the enclosure;

attaching a middle divider running the length of the enclosure, said middle divider fastened to the bottom between the open cutout portions and the top for forming two receptacles for receiving modules;

forming a front cover for covering the open end of said enclosure; and

attaching the front cover to the top by a continuous hinge across the width of the top thereby attaching the top to the

front cover along the width of the enclosure such that the front cover may move between an open position wherein the receptacles open, to a closed position wherein the front cover closes the receptacles.

8. The method of claim 7 comprising providing a tab extending from the front of the middle divider for engagement with a corresponding slot in said front cover when the front cover is in the closed position.

9. The method of claim 8 further comprising providing a locking arm on one side wall for locking the front cover in the open and closed positions and allowing the front cover to swing between the open and closed position.

10. The method of claim 9 further wherein said locking arm is a slide arm and further comprises pinning one end to the front cover by a first pin, and providing a second pin in one side wall for riding in a slot in the slide arm such that the slide arm may pivot around the first pin and allow the cover to move between the open position and the closed position.

11. The method of claim 10 further providing two notches in the slot in the slide arm, a first notch for receiving the second pin thereby locking the front cover in the open position, and a second notch for receiving the second pin thereby locking the front cover in the closed position.

12. The method of claim 7 further comprising bending the two sides of said top for forming the two side walls.